FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: April 11, 1994 Date Received: April 6, 1994

Project: 7238, Metro Self-Monitor, PO #M33959

Date Samples Extracted: April 6, 1994 Date Extracts Analyzed: April 8, 1994

RESULTS FROM THE ANALYSIS OF THE WATER SAMPLE FOR CHROMIUM, COPPER, NICKEL, ZINC

Samples Processed Using Method 3005 Results Reported as mg/L (ppm)

Sample ID	Chromium	<u>Copper</u>	<u>Nickel</u>	<u>Zinc</u>
M33959	1.4	0.87	1.2	0.10
Quality Assurance				
Blank	<0.05	<0.05	<0.05	<0.05
M33959 (Duplicate)	1.3	0.84	1.2	0.10
M33959 (Matrix Spike) % Recovery	93%	95%	92%	93%
M33959 (Matrix Spike Duplicate) % Recovery	97%	98%	96%	97%
Spike Blank % Recovery	103%	102%	100%	99%
Spike Level	5	5	10	5

& BRUYA, INC. Avenue West 98119

SAMPLE CHAIN OF CUSTODY

4.6.94 1:10

						1.10		
nd Report To: A.	KAN COPPER	1. 2		GERAL	D Thompso			
Company HLAS	2540	WORKS	Contact_	C.C.C.	Chapse	30		
City, State, Zip SEATTL	E, WP. 9812	4						
hone # 126) 623-6	800		Date	4-6-94				
SITE NO.	· PROJECT NAME			PURCH	ASE ORDER #			
7238	METRO SELF	TRO SELF. MONITOR			M 33959			
SAMPLERS (signature)			PROJECT LOCATION					
Day 19.8	1			3200 0	世山地, 50	NITH		
REMARKS	· /			SAMPL	E DISPOSAL INFORM	۸.		
METRO 24	ETRO 24 Comp (Spcit Sample)				Dispose after 30 days			
Rush"	· · · · · · · · · · · · · · · · · · ·			Return Samples Call for Instructions				
SAMPLE #	Date/Time Sampled	Type of Sample	# of Jars	Lab Sample #	Analyses Requested			
m 970cc	F/// AA			48501	CR CH, Ni	7.		
m 83959	4/6/94 10:45	WATER		90301	CK CH, NI	1 24		
					, ,			
			-					
W.								

		-						
SIGNATURE	PRINT NAME		COMPA	L WY	Date	Time		
Retionalished by:	GENACO TA	and h	ALAGUA.	Correc	Worke 7-6-54	12:59		
Received by:	Brudley T	0	(F_)	BIN				
Relinquisted by:	Vocalley	DPASHA	1 34	1 4 N	40.0	1 10.57		
Received by:								

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman James E. Bruya, Ph.D. (206) 285-8282 3012 16th Avenue West Seattle, WA 98119 FAX: (206) 283-5044

DUPLICATE COPY

April 11, 1994

INVOICE # 94ACU0411-1

Alaskan Copper Works 628 South Hanford Seattle, WA 98134

RE: Project 7238, Metro Self-Monitor, PO #M33959: Results of testing requested by Gerald Thompson, Project Leader for material submitted on April 6, 1994.

FRIEDMAN & BRUYA, INC.

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Andrew John Friedman James E. Bruya, Ph.D. (206) 285-8282 3012 16th Avenue West Seattle, WA 98119 FAX: (206) 283-5044

April 11, 1994

Gerald Thompson, Project Leader Alaskan Copper Works 628 South Hanford Seattle, WA 98134

Dear Mr. Thompson:

Enclosed are the results from the testing of material submitted on April 6, 1994 from Project 7238, Metro Self-Monitor, PO #M33959.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

Bradley T. Benson

Bredly T Bersen

Chemist

BTB/dp

Enclosures